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ozobot[®] case study

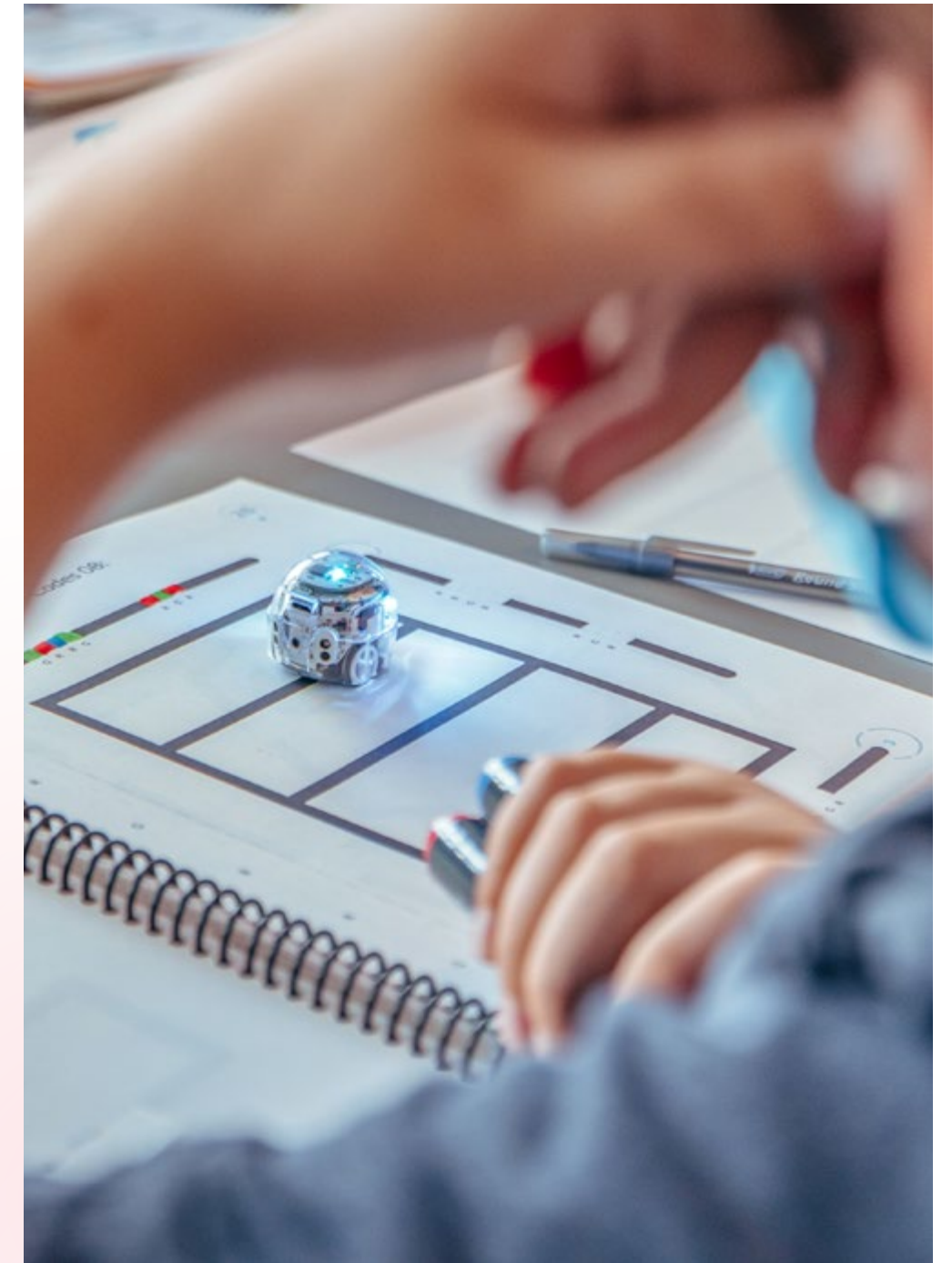


The Best Summer
Ever & Beyond



Introduction

The Mountain View School District (MVSD) in El Monte, CA uses Ozobot for **STEM enrichment for students from Kindergarten to 8th grade**. During Summer 2022, MVSD kicked off “The Best Summer Ever,” a series of academic enrichment programs that spanned four weeks and partnered with Ozobot to execute the STEM programming.



The Opportunity

One of MVSD's missions is to **promote productive learning environments through exemplary service and support.** In 2022, MVSD searched for comprehensive solutions to help create an exciting and engaging learning experience for their summer academic programs that would benefit K-8 students without stretching teacher capacity.

They enlisted the help of Ozobot's suite of products and services to help accomplish this goal for "The Best Summer Ever" series.

The Solution

While MVSD has had successes with Ozobots and robotics in the past, Ozobot stood out as the best solution for their Summer 2022 academic offerings for three key reasons:

Evo: One Solution for All Grades

Ozobot's Evo robot spans all grade levels, with two ways to code: screen-free with Color Codes and on-screen with Ozobot Blockly visual programming.

Professional Development (PD) - Virtual Training

Led by experienced educators, Ozobot's comprehensive training programs equip educators with the knowledge, tools, and resources needed to teach STEAM principles using Ozobot educational solutions confidently.

Virtual Training sessions consist of online training sessions with experienced educators for groups of up to 10 and 20 participants. Courses in these sessions include Introductions to Color Codes and Ozobot Blockly, as well as Guided Planning and Core Content Integration to help begin teaching STEAM in the classroom.

Introduction to Color Codes Curriculum

Ozobot's CSTA-aligned curriculum brings computer science to any classroom with pre-printed activity workbooks for students and answer keys for teachers that provides a convenient and engaging learning experience. Introduction to Color Codes Curriculum is differentiated for grade levels K-5 and designed to be taught alongside Ozobot Evo. No prep required!

MVSD educators were able to benefit from a customized virtual PD program with two hours of training Tuesday and Thursday during the four weeks of summer school. Each two-hour block featured a deep dive into the lessons and Color Codes Curriculum that “The Best Summer Ever” teachers would then run with their students the next day.

“As a facilitator for our three PD groups, I was able to observe the teachers getting the opportunity to interact with the Ozobot Evos which meant they got to experience what the students would experience.”

- Ricky Villacorte

The Results

Three Ozobot staff ran concurrent PD sessions to accommodate MVSD’s grade ranges: K-2nd, 3rd-5th, and 6th-7th grades.

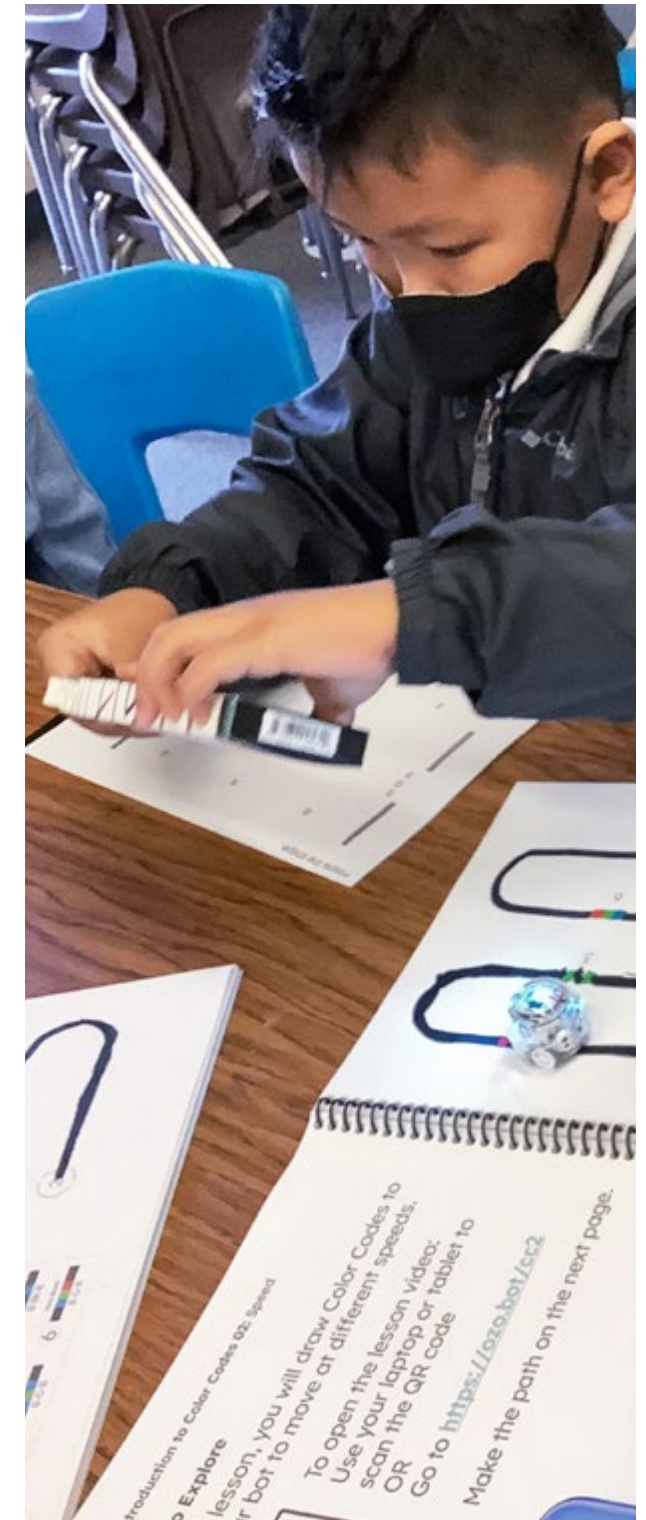
“The PD presenters were friendly and made the material easy to understand; because of this, it was fun to teach the students about the Ozobots.”

- Edna Lopez, MVSD Teacher



I benefitted the most from the Q&A segment of the PD. I was able to get immediate feedback to my questions pertaining to my classroom experience using Ozobot.”

- Edita Vasquez, MVSD Science Teacher





Ozobot **quickly became a favorite among the students** as they learned coding techniques and explored technology.

“In the classroom, I was able to observe the level of engagement with many of the students and their willingness to try and problem solve. Because of Ozobots’ ability to make students become naturally inquisitive, I really think this is a great, non-intimidating way of introducing coding and problem-solving.”

- **Ricky Villacorte, MVSD Instructional Technology Teacher on Special Assignment**

Highlights And Key Takeaways

Following the success of the 2022 summer programming with Ozobot, MVSD placed additional orders for Evo Classroom Kits and Introduction to Color Codes Curriculum spanning K-5 grade levels, as well as scheduled additional PD training sessions for more educators in the district to expand their summer program into the 2022 - 2023 school year.

Here's what else MVSD had to share about Ozobot and their experience:

About Evo:

"I would recommend Ozobot as a learning tool because it teaches the student sequential order, cause and effect, probability, problem-solving as well as teamwork. I was impressed how effective a little robot could give messages of emotion through light, movement, and sound."

- Edita Vasquez



I enjoyed watching the students work with the Ozobots. They were really happy and curious as they found solutions to code the Ozobots according to their plan. Ozobots brought lots of laughter and smiles back into the classroom."

- Edna Lopez





About Introduction to Color Codes Curriculum:

“The workbook activities didn’t just end on the page. Students were left curious and wanting to explore more. In many instances, my students were asking for extra paper to create complicated obstacles for their Ozobots to accomplish.”

- Edita Vasquez

About Virtual PD:

“As a facilitator, and someone who also leads PD for our District, I appreciated the effort of your lead presenters to take on this customized training for the Mountain View SD summer school program. There were three different grade-level groups and depending on the needs for each group, I saw all the trainers be very flexible when it came to the content being taught. It was exciting to be part of this first-ever training. I think all participants got something out of it and look forward to our teachers rolling Ozobots out in their classrooms this year.”

- Ricky Villacorte

Resources And Featured Products

Find out how to create a custom Ozobot program for your school by emailing ozoedu@ozobot.com.

[Professional Development](#)

[Introduction to Color Codes Curriculum](#)

[Introduction to Ozobot Blockly Curriculum](#)

[Evo Classroom Kit](#)

